

ABSTRACT OF DISCLOSURE

The invention pertains to a large format, plotter-style automated laser engraver which can be used to engrave various materials. A cabinet body supports a substantially flat work surface which can be raised or lowered as desired. A gantry assembly is mounted in close proximity to such work surface, and facilitates movement of a focused laser assembly to any x/y coordinate along the work surface. A computer controlled wireless focus mechanism is used to regulate the vertical distance between the focused laser assembly and the work surface. Air is provided to cool the work surface during the engraving process.

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